

**ABSTRACT OF THE DISCLOSURE**

There is disclosed a production process for a catalyst which process makes it possible to efficiently carry out the supporting of a catalytic component onto a carrier and to obtain the catalyst excellent in quality and performance. This production  
5 process is a production process for the catalyst including a particulate lump carrier and a catalytic component supported thereon; with the production process comprising the step of carrying out simultaneous revolution and rocking of a treatment container 20 as charged with the carrier and a catalyst precursor including the catalytic component, thereby supporting the catalytic component onto the carrier.